



## TOWERKEM 574

**TOWERKEM 574** (formerly LS-O-370) is a high lubricity synthetic coolant designed for machining and grinding operations on ferrous and nonferrous metals. **TOWERKEM 574** is formulated to provide extended sump life, to reject tramp oil efficiently, and have low carry-off to reduce usage. **TOWERKEM 574** has excellent corrosion protection for reactive metal surfaces such as; aluminum, magnesium, zinc, and yellow metals. It will also protect machine tool surfaces, and steel and cast iron parts from rusting.

### USAGE

**TOWERKEM 574** is effective for numerous operations, including boring, drilling, milling, reaming, sawing, tapping, threading, and grinding. Starting water dilutions for machining operations are 10:1 to 20:1. Grinding operations should begin at starting dilutions of 20:1 with water.

### PHYSICAL CHARACTERISTICS

Density	1.0 g/ml	8.3 lbs/gal
Appearance	Green Liquid	
Odor	Bland	
pH at 19:1 (5%)	Typically 9.2	
Refractive Index (freshly diluted)	7.0 @ 4:1	3.5 @ 9:1 2.3 @ 14:1 1.8 @ 19:1
Refractive Index Factor	0.35 x Volume % = Refractive Index	

### BENEFITS

- **Does NOT Contain Mineral Oil, Chlorine, Sulfur, Phenols, or Heavy Metals**
- **Forms a Stable Solution Without Leaving Tacky Residues**
- **Rejects Tramp Oil Efficiently**
- **Provides Excellent In-Process Corrosion Protection**
- **Has Excellent Resistance to Growth of Bacteria & Fungi**
- **High Lubricity Provides Good Tool Life and Finish**
- **Low Carry-off Reduces Usage**
- **Has Outstanding Machine Operator Acceptance**

### TECHNICAL SUPPORT

**TOWER** wants to assist you in evaluation and selection of suitable products. We urge you to take advantage of this service. This information sheet and **TOWER's** assistance, however, are not a substitute for your own testing and evaluation. 06073